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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 3 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 4 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS 5 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS 6 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 7 AUG 27 USPATOLD now available on STN
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 9 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 10 SEP 13 FORIS renamed to SOFIS
NEWS 11 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 12 SEP 17 CA/CAPLUS enhanced with printed CA page images from 1967-1998
NEWS 13 SEP 17 CAPLUS coverage extended to include traditional medicine patents
NEWS 14 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15 OCT 02 CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 16 OCT 19 BEILSTEIN updated with new compounds
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 18 NOV 19 WPIX enhanced with XML display format
NEWS 19 NOV 30 ICSD reloaded with enhancements
NEWS 20 DEC 04 LINPADOCDB now available on STN
NEWS 21 DEC 14 BEILSTEIN pricing structure to change
NEWS 22 DEC 17 USPATOLD added to additional database clusters
NEWS 23 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 24 DEC 17 DGENE now includes more than 10 million sequences
NEWS 25 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 26 DEC 17 MEDLINE and LMEMLINE updated with 2008 MeSH vocabulary
NEWS 27 DEC 17 CA/CAPLUS enhanced with new custom IPC display formats
NEWS 28 DEC 17 STN Viewer enhanced with full-text patent content from USPATOLD

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:13:37 ON 19 DEC 2007

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:13:56 ON 19 DEC 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

DICTIONARY FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

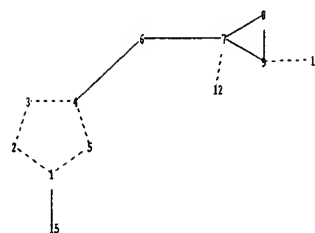
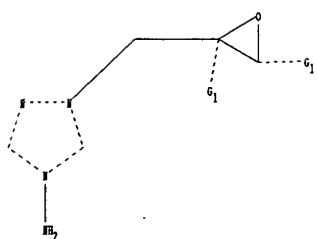
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10516727e.str



```

chain nodes :
6 12 13 15
ring nodes :
1 2 3 4 5 7 8 9
chain bonds :
1-15 4-6 6-7 7-12 9-13
ring bonds :
1-2 1-5 2-3 3-4 4-5 7-8 7-9 8-9
exact/norm bonds :
1-2 1-5 1-15 2-3 3-4 4-5 4-6 7-8 7-9 7-12 8-9 9-13
exact bonds :
6-7
isolated ring systems :
containing 1 :

```

G1: Cy, Ak, H

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:Atom 9:Atom 12:CLASS
13:CLASS 15:CLASS

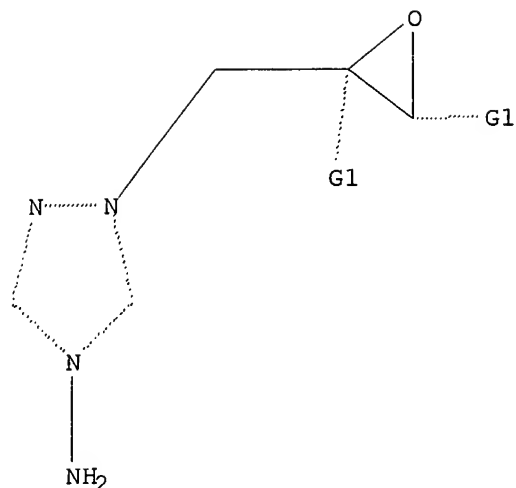
```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

```



G1 Cy,Ak,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:14:11 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:14:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	172.10	172.31

FILE 'CAPLUS' ENTERED AT 15:14:16 ON 19 DEC 2007
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FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26
FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

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=> s l3

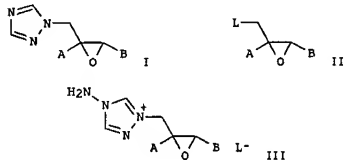
L4 1 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:2879 CAPLUS
DOCUMENT NUMBER: 140:59646
TITLE: Preparation of 1,2,4-triazol-1-ylmethyloxiranes from aminotriazole and epoxymethyl mesylates.
INVENTOR(S): Noack, Rainer; Sander, Michael; Henningsen, Michael
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000835	A1	20031231	WO 2003-EP5950	20030606
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2488828	A1	20031231	CA 2003-2488828	20030606
AU 2003242638	A1	20040106	AU 2003-242638	20030606
BR 2003011461	A	20050329	BR 2003-11461	20030606
EP 1517906	A1	20050330	EP 2003-760593	20030606
EP 1517906	B1	20070328		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1662525	A	20050831	CN 2003-814786	20030606
JP 2005535615	T	20051124	JP 2004-514668	20030606
AT 358127	T	20070415	AT 2003-760593	20030606
NZ 536848	A	20070531	NZ 2003-536848	20030606
MX 2004PA11458	A	20050214	MX 2004-PA11458	20041118
US 2005176967	A1	20050811	US 2004-516727	20041206
IN 2004CN03116	A	20060217	IN 2004-CN3116	20041231
ZA 2005000607	A	20060726	ZA 2005-607	20050121
PRIORITY APPLN. INFO.: DE 2002-10228196 A 20020624 WO 2003-EP5950 W 20030606				
OTHER SOURCE(S): CASREACT 140:59646; MARPAT 140:59646 GI				



L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

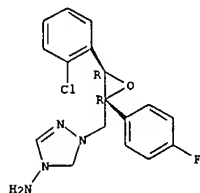


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB Title compds. [I; A, B = alkyl, phenylalkyl, cycloalkyl, cycloalkenyl, tetrahydropyranyl, tetrahydrofuryl, dioxanyl, (substituted) Ph], were prepared by reaction of 4-amino-1,2,4-triazole with II (A, B as above; L = leaving group) to give aminotriazolium salts III (L = anion of leaving group; A, B as above) and treatment of the latter with alkali nitrites and acid, or with organic nitrites. Thus, 4-amino-1,2,4-triazole in n-butylglycol at 90° was treated dropwise with II (L = MeSO2O; A = 4-FC6H4; B = 2-ClC6H4) in Me2SO at 130 mbar under distillation of Me2SO to give 99% III (L = MeSO2O; A = 4-FC6H4; B = 2-ClC6H4). The latter in aqueous HCl at 0° was treated with aqueous NaNO2 followed by warming to room temperature to give 95% epoxycanazole.
IT 639080-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triazolylmethyloxiranes from aminotriazole and epoxymethyl mesylates)
RN 639080-09-4 CAPLUS
CN 1H-1,2,4-Triazolium, 4-amino-1-[[[(2R,3R)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel-, methanesulfonate (9CI) (CA INDEX NAME)
CH 1
CRN 639080-08-3
CHF C17 H15 Cl F N4 O

Relative stereochemistry.



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CH 2
CRN 16053-58-0
CHF C H3 O3 S

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.74

178.05

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.78

-0.78

STN INTERNATIONAL LOGOFF AT 15:14:33 ON 19 DEC 2007